

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
P-4498C1

In Re Application Of: ALCHAS

Serial No.

Filing Date

Examiner

Group Art Unit

Title:

**INTRADERMAL DELIVERY DEVICE INCLUDING A NEEDLE ASSEMBLY**

6861  
P.4  
#2

Address to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).



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J1036 U.S. PRO  
09/825395  
04/03/01

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_) on \_\_\_\_\_

(Date)

*Signature*

*Typed or Printed Name of Person Signing Certificate*

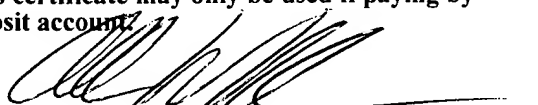
**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

\*This certificate may only be used if paying by deposit account.

  
*Signature*

Dated: April 2, 2001

Allen W. Wark, Reg. No. 30,503  
Becton, Dickinson and Company  
1 Becton Drive  
Franklin Lakes, New Jersey 07417-1880  
(201) 847-7115

EXPRESS MAIL EL438508093US

CC:

*(Use several sheets if necessary)*

SERIAL NO.

# ALCHAS

FILING

GROUP

[illegible][illegible]

			Article: MONOGRAPHS OF THE PHYSIOLOGICAL SOCIETY NO. 12: SUBSTANCES PRODUCING PAIN AND ITCH by C. A. Keele and D. Armstrong Pub: The Williams & Wilkins Company (1964)

**EXAMINER**

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# **INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
P-4498C1

SERIAL NO.

ALCHAS

FILING

GROUP

## **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,873,856	2/23/99	HJERTMAN ET AL.	604	117	
	5,417,662	5/23/95	HJERMAN ET AL.	604	117	
	4,883,573	11/28/89	THOMAS			
	4,955,871	9/11/90	THOMAS			
	5,222,949	6/29/93	KALDANY			

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	GB 2 206 794 A		UNITED KINGDOM				
	DE 41 27 887 C1		GERMANY				✓
	2000-37456	2/8/00	JAPAN				

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Article: INJECTION TECHNIQUE INTRADERMAL
		Article: THE DENDRITIC CELL SYSTEM AND ITS ROLE IN IMMUNOGENICITY by Ralph Steinman

EXAMINER

DATE CONSIDERED

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SERIAL NO.

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U.S. PTO  
09/825395  
04/03/01**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,934,046	11/7/33	DEMARCHI	128	215	3/24/32
	2,876,770	3/10/59	WHITE	128	215	10/10/55
	3,400,715	9/10/68	PEDERSON	128	215	1/4/66
	4,769,003	9/6/88	STAMLER	604	39	8/19/87
	4,898,588	2/6/90	ROBERTS	604	187	10/17/88
	4,978,344	12/18/90	DOMBROWSKI ET AL.	604	198	12/27/88
	5,578,014	11/26/96	EREZ ET AL.	604	192	
	5,921,963	7/13/99	EREZ ET AL.	604	192	8/26/96
	6,200,291 B1	3/13/01	DI PIETRO	604	117	
	5,190,521	3/2/93	HUBBARD ET AL.	604	51	
	4,373,526	3/15/83	KING	604	117	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	FR 612 401 A1		FRANCE				✓
	WO 95/01198		PCT			✓	
	WO 99/27986		PCT				✓
	WO 99/34850		PCT			✓	
	EP 0 904 790 A2		EPO			✓	

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Article: DERMAL IMMUNE SYSTEM by Brian J. Nickoloff, MD, PhD
		Article: TRIALS OF INTRADERMAL HEPATITIS B VACCINES IN GAMBIAN CHILDREN by Whittle, Lam, Ryder

EXAMINER

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